

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/07233

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01C5/06 H04Q7/38 G01C21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01C H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EP0-Internal, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 136 788 A (ASULAB SA) 26 September 2001 (2001-09-26)	1-4,13, 16,17, 24,25
Y	abstract	5,7,8, 12,14
Y	paragraphs '0028!, '0029!, '0038!, '0050!, '0051! ---	5
Y	WO 01 13069 A (COLLIER W CLAYTON ;KIVERA INC (US); SHENSON BRIAN W (US); SYNGHAL) 22 February 2001 (2001-02-22) abstract ---	7,8,12
Y	WO 02 03093 A (NOKIA CORP) 10 January 2002 (2002-01-10) page 10, line 32 -page 11, line 10; figure 2 ---	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *&* document member of the same patent family

Date of the actual completion of the International search 28 February 2003	Date of mailing of the International search report 06/03/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hoekstra, F

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 017, no. 107 (P-1496), 4 March 1993 (1993-03-04) & JP 04 296690 A (SEIKO EPSON CORP), 21 October 1992 (1992-10-21) abstract -----	14

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Information on patent family members

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